



17712 U.S.PTO
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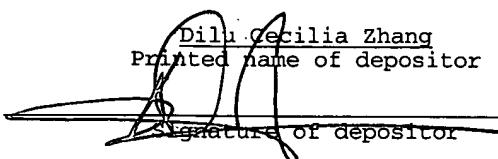
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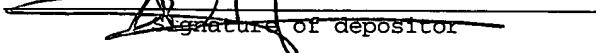
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The Commissioner of Patents
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ATTN: Mail Stop Patent Applications

Sir:

Transmitted herewith for filing is the patent application of: Neelesh B. Mehta, Pallav Sudarshan, Andreas F. Molisch, and Jinyun Zhang.

FOR: MULTIPLE ANTENNAS AT TRANSMITTERS AND RECEIVERS TO ACHIEVING HIGHER DIVERSITY AND DATA RATES IN MIMO SYSTEMS

Enclosed are:

- [12] pages of specification, claims and abstract
- [2] sheet of formal drawings
- [X] Declaration and Power of Attorney
- [X] Assignment of the application
- [X] Information Disclosure Statement

The filing fee is calculated as follows:

CLAIMS AS FILED			AMOUNT
NUMBER FILED	NUMBER EXTRA	LARGE ENTITY	
<u>Basic Fee</u>			\$ 770.00
<u>Total Claims</u>	8 -20 = 1	x 18.00	\$ 0.00
<u>Independent</u>			
<u>Claims</u>	2 -3 =	\$80.00	\$.00
<u>Assignment</u>			
<u>Recording Fee</u>		40.00	\$ 40.00
<u>Multiple Dependent Claim</u>			
<u>Fee</u>		270.00	
<u>Other</u>			
		TOTAL FEE	\$ 810.00

- Please record the accompanying Assignment.
- Please charge Deposit Account No. 50-0749 in the amount of \$ 810.00 for filing fees.
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All future correspondence should be addressed to:

Patent Department
Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: 

Andrew J. Curtin
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